

<p>ca</p> <p>Machine tool products with hard carbide alloys M. J. Kinsley. <i>Ironist Machinotronics</i> 20, No. 1, 20- 33 (1971).—A discussion of W-Co; W-Ti-Co; Krons metal; and similar alloys used for cutting and milling steel and of the preferred shape for cutting and milling tools.</p> <p>9</p>	
<p>ASB-564 METALLURGICAL LITERATURE CLASSIFICATION</p>	
<p>10000 00</p>	<p>10000 000 000</p>
<p>10000 00</p>	<p>10000 000 000</p>

<p>5</p> <p>27</p> <p>RECENT RESEARCH ON THE METAL-CUTTING PROCESS. M.I. Kluchin. (Stanki i Instrumenty, 1947, vol 18, no 1, pp 18-21). (in Russian). The following aspects of machining are discussed: (1) Stresses arising in the machined part; (2) mechanism of chip formation; (3) forces acting on the cutting tool; (4) influence of tool angle and depth of cut on chip formation; and (5) influence of cutting speed and depth of cut on length of chip, tool life, and power requirements. The employment of photography to check machining theories is also dealt with.</p> <p>E.O.</p>	
<p>AVAILABILITY STATEMENT</p> <p>UNCLASSIFIED</p>	

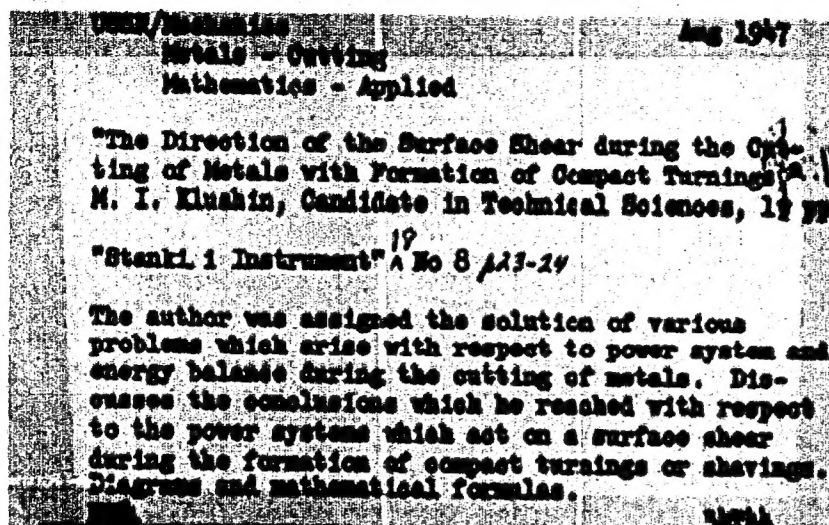
KLUSHIN, M.I., kandidat tekhnicheskikh nauk.

**New studies of the metal cutting process. Stan. 1 instr. 18 no.4:
20-23 Ap '47 (MIRA 7:11)**

- 1. Laboratoriya rezaniya metallov GAZ in. Molotova.
(Metal cutting)**

KLUSHIN, M. I.

PA 31744



KLUSHIN, M. I.

Spravochnik po reshaniu rezaniia. Izd. 2., perer. Moskva, Mashgis, 1948. 98p. diagrs.

DLC: TJ1230,K6

(Handbook on methods of cutting.)

SO: Manufacturing and Mechanical Engineering in the Soviet Union, Library of Congress, 1953.

KLUSHIN, M. I.

Issledovaniia protsessa rezaniia metallov: po materialam otechestvennykh Issledovatelei.
Moskva, Mashgis. 1949. 161, (3) p. illus.

Bibliography: P. 161-(162).

DLC: TJ1230,K58

(Study of metal-cutting processes; according to materials of Soviet researchers.)

SO: manufacturing and mechanical Engineering in the Soviet Union, Library of
Congress, 1953.

NIKOLAYEV, K.Ye.; KLUSHIN, M.I., kand. tekhn. nauk, red.; DOROFYEV, V.A.,
tekhn. red.

[High-speed cutting on automatic machines] Skorostnoe rezanie na
avtomatakh. Moskva, Gosmergoizdat, 1951. 125 p. (MIRA 11:9)
(Metal cutting)

AS 17

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944-G. The Process of Forming
Elementary and Compound Steel Chips.
(In Russian.) M. I. Kuznetsov, *Stal* (Steel)
Instrument, v. 22, Sept. 1961, p. 14-15.
Mechanism of chip formation dur-
ing machining. (GIT, ST)

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Metal Cutting

Ya. G. Usachev—founder of the physical study of metal cutting. Vest. Mash. 31 no. 10, 1951.

9. Monthly List of Russian Accessions, Library of Congress, September, 1953, ~~1953~~ Unclassified.

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B.S. - Lecturer

Ya. G. Usachev, The Founder of the Study of Physics for the Metal
Cutting Processes.

Vest Mash p. 78, Oct 51

KISHIN, M. I., DOCKET, GORDON, M. B.

Metal Cutting

Frictional forces on the front part of a cutting tool, and their effect on the process of metal cutting. Vest.mash. 32 No. 3, 1952

9. Monthly List of Russian Accessions, Library of Congress, October 1952, Uncl.

KIUSHIN, M. I.

Cutting (Machining) of Metals, Mashgiz, Moscow 1953, 430 pages.

B-77053, 27 July 54

RYZHKOV, D.I.; SOKOLOV, Yu.N., inzhener, retsentsent; KLUSHIN, M.I.,
kandidat tekhnicheskikh nauk, dotsent, redaktor; POPOVA, S.N.,
tekhnicheskiiy redaktor

[Elimination of vibrations in high-speed metal cutting] Opyt
ustraneniia vibratsii pri skorostnom tochenii metallov. Moskva,
Gos. nauchno-tekhn. izd-vo mashinostroit. i sudostroit. lit-ry,
1954, 53 p. (MLRA 7:10)
(Machine tools—Vibration)

ZORNY, Nikolay Nikolayevich; KLUSHIN, M.I., kandidat tekhnicheskikh nauk, rezensent; ADAM, Ya.I., ~~REDAKTOR~~ tekhnicheskikh nauk, redaktor; MATVAYEVA, Ye.M., tekhnicheskij redaktor; TIKHONOV, A.Ya., tekhnicheskij redaktor

[Mechanical problems in the process of cutting metals] Voprosy mekhaniki protsessov resaniya metallov. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, (MLRA 9:9)

(Metal cutting)

USSR/Engineering - Tool design

Card 1/1 : Pub. 128 - 10/38

Authors : Klushin, M. I., and Ryzhkov, D. I.

Title : Attenuation of vibration of the machined component by a method of grinding an anti-chatter chamfer of the cutting edge

Periodical : Vest. mash. 9, 37-41, Sep 1954

Abstract : A cutting tool having a chamfer of 0.1 - 0.3 mm with a negative rake of 80-85 degrees was designed to assist the attenuation of low-frequency vibrations. Laboratory tests were conducted to find the effect of this tool on the time between re-grinds. It was proven that this new tool form creates a relation between cutting force components and cutting speed which resists generation of self-excited vibrations from which tool chatter originates. Graphs; diagrams.

Institution :

Submitted :

KLUSHIN, M. I.

KLUSHIN, M. I. -- "Investigation of the Process of Plastic Deformation during Metal Cutting." Min Higher Education USSR, Moscow Order of Lenin and Order of Labor Red Banner Higher Technical School imeni Bauman. Moscow-Gor'kiy, 1955. (Dissertation for the Degree of Doctor in Technical Sciences)

SOURCE Knizhnaya Letopis', No 6 1956

25(1)

PHASE I BOOK EXPIRATION

SOV/2204

Klushin, M. I.

Rezaniye metallov; elementy teorii plasticheskogo deformirovaniya srezayemogo sloya (Metalcutting; Elements of the Theory of Plastic Deformation of the Removed Layer) 2nd ed., rev. Moscow, Mashgiz, 1958. 454 p. 16,000 copies printed.

Reviewer: T. N. Loladze, Candidate of Technical Sciences; Ed.: B. Ye. Brushteyn, Candidate of Technical Sciences; Tech. Ed.: A. F. Uvarova; Managing Ed. for Literature on Metal Working and Tool Making: R. D. Beyzel'man, Engineer.

PURPOSE: The book is intended for workers in plant laboratories, process engineers, scientific workers, and teachers at vuzes and tekhnikums.

COVERAGE: This book is a revised second edition. Chapters on wear and service life of cutting tools have been deleted, while the remaining chapters have been revised, supplemented, or completely rewritten. The book treats problems of the theory of plastic deformation in the cutoff layer of metal, including the mechanism of the chip-forming process, cutting forces, the work of cutting, temperatures in the cutting zone, and the theory of stresses in the cutoff layer. Examples of practical application of the theory of plastic

Card 1/8

Metalcutting; Elements (Cont.)

SOV/2204

deformations are presented in the concluding chapters. No personalities are mentioned. References follow several of the chapters.

TABLE OF CONTENTS:

Preface to the Second Edition	3
Symbols	5
Introduction	9
Ch. 1. Mechanical Properties of Metals Subjected to Plastic Deformation	19
Monocrystal	20
1. Physical theories of plasticity	20
2. Mechanical properties of monocrystal metals subjected to plastic deformation	27
Polycrystals	33
1. Special features of the characteristics of plastic deformation of polycrystal metals	33
2. Elastic, viscous, and plastic substances	34

Card 2/

Metalcutting; Elements (Cont.)

SOV/2204

3. Stresses	36
4. Displacements and deformations	41
5. Purely volumetric deformation and deformation in shape. Hydrostatic pressure	46
6. Relationship between stress components and components of deformation	48
7. Conditions of plasticity	51
8. Strain curves of metals	53
9. Resistance of polycrystal metals to plastic deformation	53
Ch. II. Physical and Mechanical Properties of Tool Materials	67
Ch. III. Basic Concepts and Definitions Pertaining to Free Cutting	76
1. Classification of principal kinematic schemes for metal cutting	76
2. Free and complex cutting. Orthogonal and oblique cutting	80
3. Basic surfaces on part to be machined. Surfaces and geometric parameters of cutting tools accomplishing free cutting	81
4. Cross sectional area of the cutoff layer and elements of the cutting regime in free cutting	92

Card 3/8

Metalcutting; Elements (Cont.)

SOV/2204

Ch. IV. Description of the Process of Plastic Deformation of the Cutoff Layer of Metal According to Experimental Data	94
A. Cutting with flat-faced tools	94
1. Basic methods of experimental study of the process of plastic deformation during metalcutting	94
2. Types of chips produced by machining ductile and brittle materials	98
3. Length of contact of the chip with the face of the tool. Curling of the chip	114
4. Shrinkage of the chip	120
5. Heap of cut material on the tool edge	125
6. Quality of machines surfaces	134
a. Smoothness (roughness) of machined surfaces	134
b. Deformations and residual stresses under machined surfaces	140
B. Cutting with tools with short faces	146
C. Cutting with tools with two faces	167

Card 4/8

Metalcutting: Elements (Cont.)

SOV/2204

Ch. V. Mechanism of the Chip-forming Process	170
1. Formation of a discontinuous chip	170
2. Formation of a continuous chip	175
3. Reasons for the formation of different types of chips	182
4. Generation of the built-up edge	185
Ch. VI. Theory of Deformations of the Cutoff Layer of Metal	189
1. Basic schemes and characteristics of the amount of plastic deformation of metals	189
2. Theoretical schemes of the continuous chip-generation process	196
3. Amount of final plastic deformation occurring in the cutoff layer of metal during transformation into chip	222
Ch. VII. Forces and Work of Cutting	233
1. System of forces for examining the cutting process as a process of simple shear	233
2. Relation of component cutting forces to different factors according to experimental data	246

Card 5/8

Metalcutting; Elements (Cont.)

SOV/2204

a. Cutting with flat-faced tools	251
b. Cutting with tools with short faces	264
c. Cutting with tools with two faces	265
3. Work of cutting and its component parts	272
Ch. VIII. Temperature of Chip, Machined Surface of the Part, and Tool in the Cutting Process	286
1. General information on heat exchange in solid bodies	286
2. Heat balance during metalcutting	290
3. Theoretical determination of the temperature of chip, machined surface of the part, and tool	297
4. Temperature relations during metalcutting according to experimental data	312
Ch. IX. Theory of Stressess in the Cutoff Layer of Metal	329
1. Stress-strain state	329

Card 6/8

Metalcutting; Elements (Cont.)

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SOV/2204

2. Analysis of the state of stress in the cutoff layer on the basis of the theory of elasto-plastic contact of punch with plate	339
3. Analysis of the state of stress in the transitional plastic-deformation zone	351
4. Special features of friction in the contact zone of chip with tool face. Friction coefficient as related to different factors according to experimental data	354
5. Tangential stresses in the plane of shear	364
6. Normal stresses in the contact area of chip with tool	382
7. Length of the contact area of chip with tool	386
8. Factors influencing the magnitude of the shear angle	387
Formulas of K. A. Zvorvkin and A. A. Briks	388
Formulas of other authors	396
Formula for determining shear angle (β_1) as a condition for securing the minimum required strength of the chip	407
Relationship between the shear angle, β_1 , and "unit friction force", F/f	417

Card 7/8

Metalcutting; Elements (Cont.)

SOV/2204

Ch. X. Applications of the Theory

- | | |
|--|-----|
| 1. Machinability of titanium and titanium alloys in connection with their physical and mechanical properties | 432 |
| 2. Design of the cutting part of tools for strength | 442 |
| 3. Increase of stability of the cutting movement in metal cutting | 447 |

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Card 8/8

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KLUSHIN, M.I.
KRIVOUKHOV, Vasil'y Aleksandrovich,; BRUSHTYIN, Boris Yefimovich,; YEMOROV,
Sergey Vasil'yevich,; CHERVYAKOV, Arkadiy Grigor'yevich,; CHERLOBOV,
Nikolay Alekseyevich,; MYAKISHIN, Mikhail Antonovich,; BOVIN,
Vladimir Georgiyevich,; PETRUKHA, Petr Grigor'yevich,; DESPAKHOTNYI,
Petr Dmitriyevich,; KLUSHIN, M.I., kand. tekhn. nauk, dots., retsenzent,;
ARSHINOV, V.A., kand. tekhn. nauk, dots., red.; SUVOROVA, I.A., izd. red.;
ROZHM, V.P., tekhn. red.

[Metal cutting] Obrabotka metallov rezaniem. Moskva, Gos. izd-vo
obor. promyshl., 1958. 627 p. (MIRA 11:12)
(Metal cutting)

KIUSHIN, M.I.

Design of cutting lips of cutting tools for strength. Stan 1 instr.
29 no.2:5-7 7 '58. (MIRA 11:3)

(Metals--Cutting tools)

KLUSHIN, M. I.

1. The author is a member of the Scientific Staff of the Ministry of Defense of the USSR, a candidate of technical sciences, and a senior research associate of the Institute of Engineering Mechanics of the Academy of Sciences of the USSR. He has published a number of scientific papers on the theory of the strength of materials and the theory of the stability of structures.

2. The author is a member of the Scientific Staff of the Ministry of Defense of the USSR, a candidate of technical sciences, and a senior research associate of the Institute of Engineering Mechanics of the Academy of Sciences of the USSR. He has published a number of scientific papers on the theory of the strength of materials and the theory of the stability of structures.

3. The author is a member of the Scientific Staff of the Ministry of Defense of the USSR, a candidate of technical sciences, and a senior research associate of the Institute of Engineering Mechanics of the Academy of Sciences of the USSR. He has published a number of scientific papers on the theory of the strength of materials and the theory of the stability of structures.

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6. The author is a member of the Scientific Staff of the Ministry of Defense of the USSR, a candidate of technical sciences, and a senior research associate of the Institute of Engineering Mechanics of the Academy of Sciences of the USSR. He has published a number of scientific papers on the theory of the strength of materials and the theory of the stability of structures.

7. The author is a member of the Scientific Staff of the Ministry of Defense of the USSR, a candidate of technical sciences, and a senior research associate of the Institute of Engineering Mechanics of the Academy of Sciences of the USSR. He has published a number of scientific papers on the theory of the strength of materials and the theory of the stability of structures.

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9. The author is a member of the Scientific Staff of the Ministry of Defense of the USSR, a candidate of technical sciences, and a senior research associate of the Institute of Engineering Mechanics of the Academy of Sciences of the USSR. He has published a number of scientific papers on the theory of the strength of materials and the theory of the stability of structures.

10. The author is a member of the Scientific Staff of the Ministry of Defense of the USSR, a candidate of technical sciences, and a senior research associate of the Institute of Engineering Mechanics of the Academy of Sciences of the USSR. He has published a number of scientific papers on the theory of the strength of materials and the theory of the stability of structures.

AYAKOV, Avak Arkad'yevich; KLUSHIN, M.I., kand.tekhn.nauk, retsentsent;
LOLADZE, T.N., kand.tekhn.nauk, red.; MOROZOVA, M.N., red.
isd-va; KUNIN, P.A., red.isd-va; MEL'KIND, V.D., tekhn.red.

[Physical bases of the theory of strength of metal-cutting tools]
Fizicheskie osnovy teorii stolkosty reshushchikh instrumentov.
Moskva, Gos.nauchno-tekhn.isd-vo mashinostroit.lit-ry, 1960. 307 p.
(MIRA 13:11)

(Metal-cutting tools)

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of cutting tools, and the pressure in this area. Stan.1
instr. 31 no.3:22-23 Mr '60. (MIRA 13:6)
(Metal cutting)

RYZHKOV, Dmitriy Ivanovich; KUDINOV, V.A., kand.tekhn.nauk, retsentsent;
KLUSHIN, M.I., dotsent, kand.tekhn.nauk, red.; MOROKOVA, M.N.,
red.ind-va; EL'KIND, V.D., tekhn.red.; GORDIYENVA, L.P., tekhn.red.

[Vibrations due to metal cutting and methods for their elimination]
Vibratsii pri resanii metellov i metody ikh ustreneniia. Moskva,
Gos.nauchno-tekhn.isd-vo mashinostroit.lit-ry, 1961. 171 p.
(MIRA 14:4)

(Metal cutting--Vibration)

ANDREYEV, G.S., kand. tekhn. nauk; BOKUCHAVA, G.V., kand. tekhn. nauk, dots.; BRAKMAN, L.A., inzh.; BUDNIKOVA, A.V., inzh.; GORDON, M.B., kand. tekhn. nauk, dots.; ZHAVORONKOV, V.N., inzh.; KARZHAVINA, T.V., kand. tekhn. nauk; KOROTKOVA, V.G., inzh.; KORCHAK, S.N., inzh.; KLUSHIN, M.I., kand. tekhn. nauk, dots.; KUZNETSOV, A.P., kand. tekhn. nauk, dots.; KURAKIN, A.V., inzh.; LATYSHEV, V.M., inzh.; OL'KHOVSKIY, V.N., inzh.; ORLOV, B.M., kand. tekhn. nauk, dots.; OSHER, R.N., inzh.; PODCORKOV, V.V., inzh.; ; SIL'VESTROV, V.D., kand. tekhn. nauk [deceased]; TIKHONOV, V.M., inzh.; TROITSKAYA, D.N., inzh.; KHRUL'KOV, V.A., inzh.; LESNICHENKO, I.I., red. isd-va; BOKOLOVA, T.F., tekhn. red.; GORDEYEVA, L.P., tekhn. red.

[Lubricating and cooling fluids and their use in cutting metals]
 Смазочно-охлаждающие жидкости при резании металлов и
 техника их применения. Москва, Гос. научно-техн. изд-во
 машиностроит. лит-ры, 1961. 291 p. (MIRA 15:1)
 (Metalworking lubricants)

VOROB'YEV, S.A.; KLUKSHIN, M.I.; YEGOROVA, L.A.

Scientific technological societies and communist brigades.
Mashinostroitel' no. 2:31-33 P '61. (MIR. 14:2)

1. Predsedatel' Khar'kovskogo oblastnogo pravleniya Nauchno-
tekhnicheskogo obshchestva Mashprom (for Vorob'yev). 2. Predsedatel'
Gor'kovskogo oblastnogo pravleniya Nauchno-tekhnicheskogo obshchestva
Mashprom (for Klushin). 3. Predsedatel' Saratovskogo oblastnogo
pravleniya Nauchno-tekhnicheskogo obshchestva Mashprom (for
Yegorova).

(Machinery industry—Technological innovations)
(Efficiency, Industrial)

KLUSHIN, M.I., kand. tekhn. nauk, dotsent

Physical bases of super-high-speed metal cutting. Trudy GPI
17 no.4:15-22 '61. (MIRA 16:12)

KIUSHIN, M.I.

Algorithm for calculating forces and speeds of cutting. Trudy
Proek. tekhn. i nauch.-issl. inst. no. 8. 112-152 1961
(MIRA 1967)

FEL'DSHTEYN, E.I., doktor tekhn. nauk, prof. (deceased); BARANOV,
I.G., inzh., retsenzent; KLUSHIN, M.I., doktor tekhn.
nauk, red.

[Fundamentals of the efficient use of metal-cutting tools]
Osnovy rtsional'noi ekspluatatsii rezhushchikh instru-
mentov. Izd.2., perer. Moskva, Mashinostroenie, 1965.
178 p.
(BIRA 18:2)

KLUSHIN, N.A.

Examining pneumatic hammers with a new recoil-reducing work cycle.
Izv.vost.fil.AM SSSR no.4/5:138-153 '57. (MLRA 10:7)

1. Zapadno-Sibirskiy filial Akademii nauk SSSR.
(Pneumatic tools)

KLUSHIL, N.A., Cand Tech Sci—(diss) "Pneumatic hammers with new cycle process which reduces recoil." Novosibirsk, Acad Sci USSR., Eastern Siberian Branch Affiliate, 1958. 20 pp with ill (Min of Higher Education USSR. Len Order of Lenin and Order of Labor Red Banner Mining Inst in G.V. Plekhanov), 110 copies (KL,30-58, 127)

-78-

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AUTHOR: Klushin, S. V.

TITLE: Method of determining ray velocities from seismic logging data

SOURCE: Ref. zh. Geofizika, Abs. 6D287

REF SOURCE: Sb. Materialy 1-y Nauchn. konferentsii molodykh geologov Belorussii. Minsk, 1965, 109-112

TOPIC TAGS: seismology, seismography, seismic logging, seismic ray, seismic ray velocity, abyssal layer, seismic wave propagation

ABSTRACT: In seismic well logging from a remote shot point (> 2 km), the computation of radiating velocities using conventional methods results in considerable error, due to the fact that the seismic ray is not a straight line. The author derives an approximate expression, in which the difference between observed and vertical time, as well as the use of several other parameters, make it possible to determine radiating velocities with greater accuracy. Processed field observations show that the values obtained on radiating velocities, using the new method,

Card 1/2

UDC: 550.834:550.839

ACC NR: AR6032155

exceed those obtained on average velocities, using conventional methods, by 200—340 m/sec, provided the seismic ray is assumed to be rectilinear. The proposed method provides a more accurate means of plotting the structure of abyssal layers. V. Gratsinskiy. [Translation of abstract] [SP]

SUB CODE: 08/

Card 2/2

AYZENBERG, D.Ye., geolog; BALUKHOVSKIY, M.F., geolog; BARTOSHNEVSKIY, V.I., geolog; BASS, Yu.B., geolog; VADIMOV, M.T., geolog; OLADKIY, V.Ya., geolog; DIDKOVSKIY, V.Ya., geolog; YERSEV, V.A., geolog; ZHUKOV, O.V., geolog; ZAMORIT, P.K., geolog; IVANTISHIN, M.N., geolog; KAPTARENKO-CHERNOUSOVA, O.K., geolog; KLIMENKO, V.Ya., geolog; KLUSHIN, V.I., geolog; KLYUSHNIKOV, M.N., geolog; KRASHENINNIKOVA, O.V., geolog; KUTSIBA, A.M., geolog; LAPCHIK, F.Ye., geolog; LICHAK, I.L., geolog; MAKUKHINA, A.A., geolog; MATVIYENKO, Ye.M., geolog; MEDYNA, V.S., geolog; MELYAVKO, O.I., geolog; MAYDIN, D.P., geolog; NOVIK, Ye.O., geolog; POLOVKO, I.K., geolog; RODIONOV, S.P., geolog; SEMENENKO, N.P., akademik, geolog; SERGEYEV, A.D., geolog; SIROSHYAN, R.I., geolog; SLAVIN, V.I., geolog; SUKHAREVICH, P.P., geolog; TKACHUK, L.G., geolog; USENKO, I.S., geolog; USTIHOVSKIY, Yu.B., geolog; TSAROVSKIY, I.D., geolog; SHUL'GA, P.L., geolog; YURK, Yu.Yu., geolog; YAMNICHENKO, I.M., geolog; ANTROPOV, P.Ya., glavnyy redaktor; FILIPPOVA, B.S., red. izd-va; GUNOVA, O.A., tekhn.red.

[Geology of the U.S.S.R.] Geologiya SSSR. Glav. red. P.I.A. Antropov. Vol. 5. [Ukrainian S.S.R., Moldavian S.S.R.] . . . Ukrainskaya SSR, Moldavskaya SSR. Red. V.A. Ershov, N.P. Semenenko. Pt. 1. [Geological description of the platform area] Geologicheskoe opisanie platformennoy chasti. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po geol. i okhrane nedr. 1958. 1000 p. [Supplement] Prilozhenia.
(Continued on next card)

AYZENBERG, D.Ye.---(continued) Card 2.
3 fold.maps (in portfolio)

(MIRA 12:1)

1. Russia (1973- U.S.S.R.) Glavnoye upravleniye geologii i okhrany neдр. 2. Ukrainskoye geologicheskoye upravleniye Ministerstva geologii i okhrany neдр SSSR i Institut geologicheskikh nauk Akademii nauk USSR (for all except Antropov, Filippova, Gurova).
3. Glavnyy geolog Ukrainskogo geologicheskogo upravleniya (for Yershov).
4. AN Ukrainskoy SSR (for Semenenko).
(Ukraine--Geology) (Moldavia--Geology)

SUBBOTIN, S.I.; BONDARENKO, A.P.; KRUGLIAKOVA, G.I. [Kruhliakova, H.I.];
KLUSHIN, V.I.; NAUMCHIK, Yu.L.; PETKEVICH, G. I [Petkevych, H.I.]

Progress in geophysical studies of western regions of the
Ukrainian S.S.R. during the Soviet regime. Pratsi Inst.
geol. kor.kop. AN URSR 1:118-148 '59. (MIRA 14:6)
(Ukraine—Prospecting—Geophysical data)

1180711, Yu. A.

"Some Problems of Regulating the Temperature Rate of a Steel Melting Furnace."
Cand Tech Sci, Moscow (Order of Lenin Lower Engineering Inst) and V. A. Tolstoy,
19 Feb 54. Disertation (Vychernyya Mashina Moscow, 10 Feb 54)

SO: SU: 196, 12 Aug 1954

KIUSHIN, Yuriy Aleksandrovich; SEDLIK, M.M., red.

[Automation of water treatment] Avtomatizatsiia vodo-
podgotovki. Moskva, Energiia, 1965. 77 p. (Biblioteka
teplotekhnika, no.13) (MIRA 18:6)

S/190/60/002/010/020/026
B004/B054

AUTHORS: Kozlov, P. V., Iovleva, M. M., Khakimova, A. Kh.,
Zezin, A., and Klushina, A.

TITLE: Solubility of Some Grafted Copolymers

PERIODICAL: Vysokomolekulyarnyye soyedineniya, 1960, Vol. 2, No. 10,
pp. 1580-1585

TEXT: The authors studied the grafted copolymers from starch and polystyrene (1 : 15), polyethylene terephthalate and polyacrylic acid, polystyrene and polyacrylic acid, and the copolymers from polyisobutylene and polystyrene, as well as polystyrene and polyvinyl acetate, which have common solvents. For starch with polystyrene, and polystyrene with polyacrylic acid, the phase diagrams were taken by precipitation with methanol from benzyl alcohol solution (Fig. 1). There is only a limited solubility range (3 - 4%), and the other part of the diagram area represents a heterogeneous phase. In polyethylene terephthalate with polyacrylic acid dissolved in benzyl alcohol, and polyisobutylene with polystyrene dissolved in cyclohexane, two phases are formed when cooling their

Card 1/2

Solubility of Some Grafted Copolymers

3/190/60/002/010/020/026
B004/B054

solutions; thus, phase diagrams could be taken on the basis of the equilibrium concentration of the two layers at different temperatures (Fig. 2). Also here, the authors observed a wide range of heterogeneity. In polystyrene with polyvinyl acetate, the phase diagram was also determined by precipitation with methanol from benzyl alcohol, and compared with that of polystyrene (Fig. 3). Also here, the solubility of the copolymer is much restricted. Thus, grafting always effected a decrease in solubility of the copolymer as compared with the components. An investigation of the integral swelling heat of polystyrene in benzene, polystyrene with polyvinyl acetate in benzene, polystyrene with polyvinyl acetate in the mixture of hydrogenated monomers (ethyl benzene and ethyl acetate), and a mechanical mixture from polystyrene and polyvinyl acetate in this mixture yielded an increase in the swelling heat for the copolymers (Table). As in the previously studied copolymers from polystyrene with polyacrylic acid, grafting effects a loosening of the structure, and a variation of the energy- and entropy component of the swelling and solution of the copolymer acting unfavorably on the solubility. The authors thank V. A. Kargin for his interest and discussion. There are 3 figures, 1 table, and 9 references: 7 Soviet, 1 US, and 1 British.

Card 2/2 ASSN: Moscow State Univ.

KLUSHINA, T.

Increase women's activity in mass defense work. Voen. znani. 33 no.3:
1 Nr 157. (MIRA 10:6)

1. Chlen-presidium Tsentral'nogo komiteta Dobrovol'nogo obshchestva
soдействия armii, aviatsii i flotu SSSR.
(Military education) (Women).

KLUSHINA, T., proizvoditel' rabot

How we work. Stroitel' no.12:20-21 D '58. (MIRA 12:1)

1. Upravleniye nachal'nika rabot-774 tresta Sverdlovskpromstroy.
(Sverdlovsk--Construction industry--Accounting)

Country : USSR
Category: Virology. Viruses of Man and Animals.
Rickettsias.

E

Abs Jour: Ref Zhur-Biol., No 23, 1958, No 103570

Author : Tokarevich, K.N.; Epshteyn, Ye. P.; Klus'ina, T.A.
Inst : -
Title : Some Results of Detection of Atypical Forms of Typhus

Orig Pub: Sb. Rikettsiozy, Leningrad, 1958, 42-50.

Abstract: No abstract.

Card : 1/1

68

ANSHELES, I.M.; FRIDMAN, E.A.; STEHINA, Ye.S.; KLUSHINA, T.A.; TARASOVA, Ye.P.; KHAZANSON, L.B.

Epidemiological and virological characteristics of the influenza pandemic of 1957 in Leningrad. Trudy len.inst.epid.i mikrobiol. 17:66-77 '58. (MIRA 16:2)

1. Iz sektora epidemiologii (rav. I.M. Ansheles) i laboratorii grippa (rav. E.A. Fridman) Leningradskogo instituta epidemiologii, mikrobiologii i gigiyeny imeni Pastera, Gorodskoy sanitarno-epidemiologicheskoy stantsii i Protivogrippoznogo kabineta 39-y polikliniky Dzerzhinskogo rayona, Leningrada.
(LENINGRAD—INFLUENZA)

ANSHENES, I.M.; FRIDMAN, M.A.; KLUSHINA, T.A.; STENINA, Ye.S.; KHAZENSON, L.B.;
TARASOVA, Ye.F.

Influenza pandemic of 1957 and certain epidemiological and virological
characteristics of influenza in Leningrad. Vop. virus 4 no.1: Ja-F '59
(MIRA 12:4)

1. Leningradskiy institut epidemiologii, mikrobiologii i gigieny imeni
Pastera, Leningradskaya gorodskaya sanitarno-epidemiologicheskaya stant-
siya i 39-ya poliklinika.

(INFLUENZA, epidemiol.
in Russia (Rus))

MASLENNIKOVA, L.K.; KIUSHINA, T.A.

Etiology and the epidemiology of acute respiratory diseases of
a non-influenzal nature in Leningrad during 1958. Trudy Len.
inst.epid.i mikrobiol. 19:76-82 '59. (MIRA 16:2)

1. Is laboratorii gruppy (rukovoditel' E.A. Fridman) Leningradskogo
instituta epidemiologii, mikrobiologii i gigiyeny imeni Pastera i
Leningradskoy gorodskoy sanitarno-epidemiologicheskoy stantsii
(glavnyy vrach N.G. Grigor'yeva).
(~~LENINGRAD-RESPIRATORY ORGANS-DISEASES~~)

KLUSHINA, T.A.; KRACHKOVSKAYA, M.V.; MASLENNIKOVA, L.K.

Influenza-like diseases in the newborn. Vop.okh.mat.i det. 5
no.1:13-18 Ja-F '60. (MIRA 13:5)

1. Iz kafedry akusherstva i ginekologii i Leningradskogo meditsinskogo instituta (sav. - prof. I.I. Yakovlev) Gorodskoy sanitarno-epidemiologicheskoy stantsii (glavnyy vrach N.G. Origor'yeva) i laboratorii grippa Instituta epidemiologii, mikrobiologii i gigieny imeni Pastera (sav. B.A. Fridman).
(INFANTS (NEWBORN)---DISEASES)

KLUSHINA, T. A. MASLENNIKOVA, L. K.

"Features of group diseases due to adenovirus infection in children according to Leningrad data."

Report submitted for the 1st Intl. Congress on Respiratory Tract diseases of Virus and Rickettsial Origin. Prague, Czech. 23-27 May 1961.

MASLENNIKOVA, L.K.; KLUSHINA, T.A.; SAPOZHNIKOVA, V.A.

Characteristics of group diseases caused by adenoviruses in children.
Trudy Leningradskogo instituta epidemiologii i mikrobiologii. 22:174-184 '61. (MIRA 16:2)

1. Iz laboratorii grippa (sav. E.A. Fridman), sektora epidemiologii (sav. I.M. Shchegolev [deceased]) Leningradskogo instituta epidemiologii i mikrobiologii imeni Pastera i Leningradskoy gorodskoy sanitarno-epidemiologicheskoy stantsii (glavnyy vrach N.G. Grigor'yeva).

(ADENOVIRUS INFECTIONS) (CHILDREN--DISEASES)

MASLENNIKOVA, L.K.; KLUSHINA, T.A.; SAPOZHNIKOVA, V.A.

Characteristics of group adenovirus diseases among children. Sov.
med. 25 no.7:95-99 J1 '61. (MIA 15:1)

1. In laboratorii grippa (zav. E.A.Fridman) sektora epidemiologii
(zav. I.M.Anshales [deceased]) Instituta epidemiologii i mikrobiologii
imeni Pastera i Leningradskoy gorodskoy sanitarno-epidemiologicheskoy
stantsii (glavnyy vrach N.O.Origor'yevn).
(ADENOVIRUS INFECTIONS)

GUSARSKAYA, I.L., kand.med.nauk; MASLENNIKOVA, L.K., kand.med.nauk;
KLUSHINA, T.A.

Clinical characteristics of epidemic outbreaks of adenovirus
diseases in children. Sov.med. no.3:88-92 '62. (MIRA 15:5)

1. Iz Leningradskogo nauchno-issledovatel'skogo instituta detskikh
infektsiy (dir. - prof. A.L. Libov) Instituta epidemiologii i
mikrobiologii imeni Pastera (dir. M.Ya. Nikitin) i Leningradskoy
gorodskoy sanitarno-epidemiologicheskoy stantsii (glavnyy vrach
V.N. Kovshilo).

(ADENOVIRUS INFECTIONS)

MASLENNIKOVA, L.K.; MAYOROVA, L.P.; KLUSHINA, T.A.

Methods and results of the study of adenovirus diseases in
Leningrad during the period 1958-1961. Trudy Irk. NIEM no. 7:
210-219 '62 (MIRA 19:1)

1. Iz laboratorii grippa Leningradskogo instituta epidemiologii
i mikrobiologii imeni Pastera.

S/137/61/000/012/042/149
A006/A101

AUTHORS: Kudryavtsev, A.A., Klushina, T.V.

TITLE: On the problem of refining selenous slurries of arsenic

PERIODICAL: Referativnyy zhurnal. Metallurgiya, no. 12, 1961, 23, abstract 120165 ("Tr. Mosk. khim.-tekhnol. in-ta im. D.I. Mendeleeva", 1961, no. 35, 116-118)

TEXT: The authors investigated refining of selenous slurries of As with the aid of HCl solution. An amount of 0.13-1% As remained in the washed slurry. Washing of the slurry was performed in a retort with a mixer. The sediment was filtered after decomposition, dried up and analyzed for As and Se determination. Washing was made with HCl of 35, 30, 25, 20, 15, 10 and 5% concentration. In the first series of tests 200 ml HCl were employed per 50 g slurry. Mixing was conducted at room temperature during 1 hour. Satisfactory washing of As is obtained when using the 35%-acid. The Se content increases from 10.8 to 22.75%. Prolongation of the mixing time from 1 to 3 hours does not substantially improve washing of the slurry from As, neither it increases the Se content in the slurry.

Card 1/2

S/076/62/036/006/007/011
B117/B138

AUTHORS: Selivanova, N. M., Leshchinakaya, Z. L., and Klushina, T. V.

TITLE: Physical and chemical properties of selenites. I. Thermodynamic properties of silver selenite

PERIODICAL: Zhurnal fizicheskoy khimii, v. 36, no. 6, 1962, 1349 - 1352

TEXT: This is a short report on a study of the thermodynamic properties of silver selenite. The heat of precipitation of silver selenite from aqueous solutions (mean value 10.68 ± 0.05 kcal/mole) was measured and its solubility in water (mean value $2.85 \cdot 10^{-16}$) determined under normal conditions (25°C). From the results, the formation of silver selenite

$2\text{Ag}_{\text{cryst}} + \text{Se}_{\text{cryst}} + 3/2 \text{O}_{2 \text{ gas}} = \text{Ag}_2\text{SeO}_3 \text{ cryst}$
from elements, change in free energy (isobaric potential), and the heat of formation were calculated: $\Delta Z_{298.16}^0 = -73.64$ kcal/mole, $\Delta H_{298.16}^0 = -82.45$ kcal/mole. From the values obtained, the absolute entropy of crystalline silver selenite was determined: $S_{298.16}^0 = 74.36$ entropy units.
Card 1/2

SELIVANOVA, N.M.; LESHCHINSKAYA, Z.L.; KUCHENNA, T.V.

Physicochemical properties of selenites. Part 1. Zhur. fiz.
khim. 36 no.6:1349-1352 Je'62 (MIRA 17:7)

1. Khimiko-tekhnologicheskii institut imeni Mendeleeva,
Moskva.

KLUSHINA, T.V., st. prepod.

[Problems and equations of chemical reactions included on 1963-1964 chemistry entrance examinations on cards chosen by lot (with the solution of certain standard problems)] Zadachi i uravneniia khimicheskikh reaktsii, vkluchavshiesia v ekzamenatsionnye bilety vstupitel'nykh eksamenov po khimii v 1963-1964 gg. (s resheniem nekotorykh tipovykh zadach). Moskva, 1965. 30 p.

(MIRA 18:12)

1. Moscow, Khimiko-tehnologicheskii institut.

ACCESSION NR: AT4017078

5/3062/41/017/004/0018/0022

AUTHOR: Klushkin, M. I. (Candidate of technical sciences, Docent)

TITLE: The physical bases for the super-high-speed cutting of metals

SOURCE: Gorkiy. Politekhnikheskiy institut. Trudy*, v. 17, no. 4, 1961, 15-22

TOPIC TAGS: metal cutting, plastic deformation, metal strain resistance, strain resistance, high speed metal cutting

ABSTRACT: The author believes that the physical bases underlying the accomplishment of super-high-speed metal cutting lie in the following laws. Plastic deformation (strain) is always accompanied by two competing processes — hardening and relaxation. Hardening is an athermic process, independent of temperature. On the other hand, the relaxation rate depends to a marked degree on temperature and, if the latter is constant, the degree of relaxation is determined by the time during which it may appear in the process of deformation (strain); that is, by the strain rate. The possibility is discussed of reducing strain resistance with increased strain rate through the heat effect with adiabatic heating. The author claims

Cord 1/4

ACCESSION NR: AT4017075

that it is extremely likely that with sufficiently high cutting speeds conditions will arise in the plastically deformed transition zone of adiabatic deformation with very high heating of the deformed (strained) layers of the metal during the process of their deformation with a resultant decrease in their strain resistance. It is shown that the ratio of the plastic strain resistance of metals to the statistical shear yield point decreases as a function of the reduction of the metal's temperature conductivity; that is, the resistance of metals to plastic strain increases less under cutting conditions, the lower their temperature conductivity. This law, which holds for both cutting speeds of medium value as used in industry and for very low speeds (0.2 meters/minute) is discussed in some detail and an attempt is made to explain it. The author indicates that, schematically, the effect of the cutting speed on the resistance of the metals to plastic strain (deformation) under actual cutting conditions may be represented by the curve shown in Fig. 1 of the Enclosure. In section ab, as the speed increases, the resistance rises slowly, since the time is shortened, during which relaxation occurs in the straining process, and it is precisely this effect which is predominant. In section bc, the effect of the adiabatic heating of the strained layers becomes predominant and the resistance to straining with increased speed decreases, attaining a minimum at point c.

Card 2/4

ACCESSION NR: AT4017078

In section cd, resistance increases due to the influence of the forces of inertia which, after reaching a considerable value, continue to increase as the speed rises. In the final section de, the resistance increases even more rapidly in connection with the emergence of the liquid phase in the strained zone, shear resistance which increases in proportion to the shearing speed. The most favorable conditions for super-high-speed cutting exist at speeds near point c. The absolute speed values v_0 depend to a large extent on the properties of the material being machined (its hardness, thermal conductivity, thermal capacity, specific weight, etc.), with the result that these values may fluctuate from one to many hundreds of meters per second. "The author thanks Prof. L. D. Sokolov for advice in the preparation of this paper." Orig. art. has: 3 tables, 3 figures and 5 formulas.

ASSOCIATION: Politeknicheskoy Institut, Gorkiy (Gorkiy Polytechnical Institute)

SUBMITTED: 00

DATA ACQ: 20Mar64

ENCL: 01

SUB CODE: MM

NO REF SOV: 010

OTHER: 002

Card 3/4

ACCESSION NR: AT4017078

ENCLOSURE; 01



Fig. 1. Hypothetical general picture of the dependence of the resistance to plastic strain of machined metal on the cutting speed throughout a wide range of speed changes: 1 - T shear; 2 - kg/mm²; 3 - a; 4 - b; 5 - c; 6 - d; 7 - e; 8 - V m/sec.

Card 4/4

Klusis V.V.

PURENAS, A.K., prof.; BRAZAUSKAS, V.V., inzh.; KLUSIS, V.V., inzh.

Yat dyeing of wool. Tekst.prom. 18 no.5:36-38 My '58.

(MIRA 11:5)

1. Kaunas'kiy politekhnicheskiy institut (for Purenas). 2. Mashal'nik
otdelochnogo tsakha fabriki "Litkasa" (for Brazauskas). 3. Fabrika
"Litkasa" (for Klusis).

(Dyes and dyeing--Wool)

MALINOWSKI, Henryk; KLUSKA, Janusz

An attempt to treat oxyuriasis with the juice of *Oxyccaria*
(*Oxyccaria quadripetalus* Gyllb.). *Wlad parazyt.* 10 no.2:
435-437 '64.

1. Katedra Biologii i Parazytologii lekarskiej i II. Klinika
Pediatria Akademii Medycznej, Lodz.

KLUSKA, Janusz

The problem of lamblasis in a pediatric clinic. Wladomsci parasyt.
8 no.4:447-453 '62.

1. II Klinika Chorob Dzieci AM, Lodz.
(GIARDIASIS in inf & child)

SALA, Tadeusz, mgr., ins.; KLUSKA, S., mgr., ins.; SEKOWSKI, Kazimierz,
mgr., ins.

From the activities of the Foundry Institute. Przegl odlew
11 no.10:17-20 Biul Inform '61.

KLUSKA, Stanislaw, mgr.inz.

Measurements of the resistivity of cast metals. Przegl odlew
12 no.7:Suppl: Biul inform Inst Odlew 12 no.7/8:14-15 '62.

PONYLINSKI, W., doc. mgr ins.; BACH, St., mgr ins.; KLUSKA, St., mgr ins.;
SIEMBACH, E., mgr ins.

Laboratory testing of electrodehydrates. Nafta Pol 18 no.9:248-250
S '62.

1. Akademia Gorniczo-Hutnicza, Krakow.

KLUSKA, V.

Prevention of pyoderma in infants. Lek.listy 5 no.8:222-224 Ap '50.
(CML 19:2)

1. Of the Pediatric Clinic of the Medical Faculty, Masaryk University, Brno (Head -- Prof. Otakar Teychl, M.D.).

KLUSKA, V.

Three periods in the treatment of pyoderma in children. Lek. listy
5:12, 15 June 50. p. 354-8

1. Of the Children's Clinic of the Medical Faculty, Masaryk University,
Brno (Head—Prof. Otakar Teysschl, M. D.).

CLM 19, 5, Nov., 1950

MACEK, M.; KLUSKA, V.; TNYECHL, O.

Further experiences in therapy of the scarlet fever. Lek. listy, Brno
8 no.13:306-309 1 July 1953. (CLML 25:1)

1. Of the Infectious Department (Head--Docent V. Kluska, M.D.) of Pediatric Hospital, Brno. 2. Penicillin and sulfonamides.

KLUSKA V.

Zasady prevence detske mizni obrny Principles of poliomyelitis prevention Prakt. Lek. 1953, 33/1 (3-5)

The following principles are emphasized: (1) early diagnosis; (2) hygiene in children's homes etc.; (3) isolation of cases in special hospitals or wards; (4) avoidance of fatigue; (5) avoidance of contact with sick children; (6) extermination of flies; (7) avoidance of travelling during an epidemic; (8) disinfection of excreta; (9) avoidance of panic; (10) pediatric examination of all children in neighborhoods where cases have appeared. Collaboration between hygienists, epidemiologists, pediatricians, teachers and others is required. Prochazka - Prague (IX, 8, 4, 7)

EXCERPTA MEDICA, Vol. 7, No. 3, Section VIII, March 1954

KLUSKA, Vladimir, Dr; HANDSCHUNOVA, Olga, Dr

**Lung in whooping cough. Pediat. listy, Praha 9 no.4:208-211
June-Aug 54.**

**1. Z Detského infekčního oddělení KDN v Brně - Černé pole, primár
doc. dr. Vladimír Kluska.**

**(LUNGS, in various diseases,
whooping cough)
(WHOOPIING COUGH
lungs)**

KLUSKA, VE
KLUSKA, V. D. Doc.

Construction and outfit of children's departments in hospitals,
some suggestions. Cesk.pediat. 10 no.1:67-72 Feb 55.

1. Brno, detake infekcno oddel. krajske detake nemocnice.
(HOSPITALS
pediatric department, construction & outfit.)

KLUSKA, Vlad
HANDSCHUHOVA, Olga, as. dr.; MACKU, Milos, as.dr.; KLUSKA, Vlad, doc. dr.

Typhoid osteomyelitis. Cesk.pediat. 11 no.2-3:179-200 Mar 56.

1. Z infekcniho oddeleni Krajske detske nemocnice v Brne, predn.
doc. MUDr Vladimir Kluska.

(TYPHOID FEVER, compl.

osteomyelitis in child)

(OSTEOMYELITIS, etiol. and pathogen.
typhoid fever)

KLUSKA, Vladimir

HANDSCHUBOVA, Olga; KLUSKA, Vladimir; MACKU, Milos.

Typhoid form of tularemia. Cesk.pediat. 11 no.2-3:195-197 Mar 56.

1. Z infekcniho oddeleni Krajske detske nemocnice v Brne,
prednosta doc. Dr Vladimir Kluska.

(TULAREMIA, in inf. and child
sareomycin & chloramphenicol)

(CHLORTETRACYCLINE, ther. use
tularemia in child., with sareomycin)

(AUREOMYCIN, ther. use
tularemia in child., with chlortetracycline)

MACIKU, Milos, Dr.; KLUSKA, Vladimír, Doc., Dr.

Harmful factors in etiology of poliomyelitis. Prakt. lek.,
Praha 35 no.11:252-256 5 June 56.

1. Z infekčního oddělení Krajské dětské nemocnice v Brně.
Prednosta doc. Dr. Vladimír Kluska.
(POLIOMYELITIS, etiology and pathogenesis
factors lowering resistance)

Kluska, Vladimir

HANDECHUHOVA, Olga; POSPISIL, Leopold; KLUSKA, Vladimir

Clinical & laboratory experiences in diagnosis of parotitis & its complications. Cesk. pediat. 13 no.3:195-200 5 Apr 58.

1. Infekčni oddelení Krajské dětské nemocnice v Brně, přednosta doc. Vladimir Kluska.

(PAROTITIS, in inf. & child
clin. manifest. & diag. (Cs))

KLUSKA, VLADIMIR

MILOTOVA, J.; KLUSKA, Vlad.; STESKAL, Jar.

Information about parents of children at an infectious ward as one of the methods of prevention of hospitalism. Cesk. pediat. 13 no.4:355-359 5 May 58.

1. KDM, Brno, infekcni odd, prednosta doc. MUDr. Vlad. Kluska.
(CHILD PSYCHOLOGY
hospitalism, prev. (Cs))

STAJSKAL, J.; WINDBERMANOVA, D.; KLUSKA, V.

Desquamation in infectious mononucleosis. Cesk. pediat. 14 no.2:162-166
5 Feb 59.

1. Inf. oddeleni Krajske detske nemocnice v Brne, predosta doc. MUDr.
V. Kluska. J. S., Brno, Cernopolni 22a.

(INFECTIOUS MONONUCLEOSIS, manifest.

desquamation (Cs))

(SKIN, in various dia.

desquamation in infect. mononucleosis (Cs))

STEJSKAL, J.; KLUSKA, Vl.

Non-specific adenopathy in a respiratory syndrome. Cesk.pediat.
15 no.8:720-724 Ag '60.

1. Krajska detska nemocnice, izolacni oddeleni, prednosta doc. dr.
Vl. Kluska.
(RESPIRATORY SYSTEM dis.)
(LYMPHADENOTIS in inf. & child)

KLUSKA, V.; VIEDERMANNOVA, D.; JEZKOVA, D.

Athmatoid conditions appearing during pertussis and post-pertussis.
Cesk.pediat.15 no.6/7:621-623 J1'60.

1. Detske infekcni oddeleni, prednosta doc.dr. Vl.Kluska
Alergologické oddeleni MUNE, prednosta dr.V. Hajicek.
(WHOOPIING COUGH compl)
(ASTHMA in inf & child)

WIEDERMANNNOVA, D.; KLUSKA, V.; HONSIK, K.

Foreign bodies in the respiratory tract simulating acute infectious diseases. Cesk. pediat. 16 no.4:346-348 Ap '61.

1. Detske infekcni oddeleni krajske detske nemocnice v Brne Prednosta: doc. dr. V. Kluska Otorinolaryngologicke oddeleni krajske detske nemocnice v Brne Prednosta: primar dr. M. Kucera.

(RESPIRATORY SYSTEM for bodies)
(COMMUNICABLE DISEASES diag)

KLUSKA, Vladimir; MACKU, Milos; MENSIK, Jaromir

Demonstration of antibodies against swine influenza viruses in man.
Cesk. pediat. 16 no.5:408-414 My '61.

1. Vyskumny ustav veterinarni GSZV v Brne, prednosta prof. dr. K.
Sobra Infekcni oddeleni Krajske detske nemocnice v Brne, prednosta doc.
dr. V. Kluska.

(INFLUENZA immunol)

STEJSKAL, J.; KANIA, Vl.; KLUSKA, Vl.

Role of glutamic-oxalic transaminase in infectious diseases in childhood. Cesk. pediat. 16 no.5:415-420 My '61.

1. Infekční oddělení II dětské kliniky v Brně, přednosta doc. MUDr. Vl. Kluska.

(COMMUNICABLE DISEASES in inf & child)
(TRANSAMINASES metab)

KLUSKA, Vladimir

SURNAME, Given Names

Country: Czechoslovakia

Academic Degrees: MD

Affiliations: Department of Infectious Diseases of the Second Pediatric Clinic
(Infekční oddělení II. dětské kliniky), Brno; Director: Docent
V. KLUSKA, MD.

Sources: Prague, Praktický Lekar, Vol 41, No 9, 1961, pp 406-408.

Data: "Glucuronic Acid and Infectious Hepatitis."

Authors: KANIA, Vladimir

STEJSKAL, Jaroslav

KLUSKA, Vladimir

77

KLUSKA, V.L.
SURNAME, Given Names

3

Country: Czechoslovakia

Academic Degrees: MD

Affiliation: Isolation Department of the Kraj Children Hospital (Isolacni oddeleni Krajske detske Nemocnice), Brno; Director; Docent V. KLUSAK, MD.

Sources: Prague, Prakticky Lekar, Vol 41, No 13, 1961, pp 581-586.

Data: "Relapsing Respiration Syndrome During Childhood."

Authors: STEJSKAL, J., MD

KLUSKA, V.L., MD

KANIA, V.; STEJSKAL, J.; KLUSKA, V.

Effect of corticosteroids on the level of bilirubin, SGOT and glucuronic acid in infectious hepatitis in children. Cesk. gastroent. vys. 15 no.7:508-515 M '61.

1. Infekční oddělení KDH, Brno, přednosta doc. MUDr. Vlad. Kluska.
(HEPATITIS INFECTIOUS ther) (ADRENAL CORTEX HORMONES ther)
(BILIRUBIN blood) (TRANSAMINASES blood)
(GLUCURONASES blood)

STEJSKAL, J.; KANIA, Vl.; KLUSKA, Vl.

Relation of SGOT and glucuronic acid in infectious hepatitis in childhood. Cas. Lek. Cesk. 101 no.12:357-360 23 Mr '62.

1. Infekční oddělení II dětské kliniky lek. fak. university J. E. Purkyně, Brno, přednosta doc. MUDr. Vlad. Kluska.

(TRANSAMINASES blood) (GLUCURONATES blood)
(HEPATITIS INFECTIOUS in inf & child)

KLUSKA, V., doc. dr.

A new clinical syndrome with malignant course "Latent Hepatargia".
Cesk. pediat. 20 no.6:531-537 Ja'65.

1. Detske infekcni oddeleni fakultni detske nemocnice v Brne
(vedouci: doc. dr. V. Kluska).

KUBICKOVA, B.; MACKU, M.; KLUSKA, V.

Some information about the course of purulent pulmonary complications of infectious diseases. *Cesk. pediat.* 20 no.9:785-786
S '65.

Results of controls following staphylococcal empyemas. *Ibid.*:
787-792

1. Infekční oddělení Fakultní dětské nemocnice v Brně (vedoucí
doc. dr. V. Kluska).

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